



File no.: Animal Sciences/1-1/PG/CUHP/2025/620

Dated: 18.07.2025

**Tentative List of the Courses offered to M.Sc. Zoology (1<sup>st</sup> Sem) in the Department of Animal Sciences for Academic session 2025-2026**

S.No.	Course Name	Course Code	Credits	Name of Faculty Members
<b>Major Courses (Total Credits=10)</b>				
1.	Animal Physiology	ZOO 415	2	Dr. Reshma Sinha
2.	Structure and Function of Invertebrates	ZOO 416	2	Dr. Rakesh Kumar Thakur
3.	Cell and Molecular Biology	ZOO 417	2	Dr. Madhu Bala
4.	Cell and Molecular Biology & Animal Physiology <b>LAB</b>	ZOO 418	2	Dr. Reshma Sinha/ Dr. Madhu Bala
5.	Structure and Function of Invertebrates <b>LAB</b>	ZOO 419	2	Dr. Rakesh Kumar Thakur
<b>**Minor Courses (Total Credits =02)</b>				
6.	Entomology	ZOO 420	2	Prof. Sunil Kumar/ Dr. Rakesh Kumar Daroch
7.	Ecology, Environment and Biodiversity	ZOO 421	2	Dr. Reshma Sinha
8.	Immunology	ZOO 422	2	Dr. Rakesh Kumar Thakur/ Dr. Madhu Bala
<b>**Vocational / Skill Course (Total Credits =04)</b>				
9.	Advanced techniques in Biology	ZOO 423	2	Dr. Amit Kumar
10.	Basics of Wild Life Study	ZOO 424	2	Dr. Rakesh Kumar Daroch
11.	Parasitology	ZOO 425	2	Dr. Madhu Bala
<b>Indian Knowledge system (Total Credits=02)</b>				
12.	Indian Knowledge System#	IKS	2	Dr. Amit Kumar
<b>** Swayam Course (Total Credits=02)</b>				
13.	<b>** Swayam Course</b>		2	Dr. Amit Kumar

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**Dept. of Animal Sciences**

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4. The Controller of Examinations, Central University of Himachal Pradesh, Camp Office, Dharamshala for information.

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हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
Central University of Himachal Pradesh  
(Established under Central Universities Act 2009)  
शैक्षणिक खण्ड, शाहपुर, जिला कांगड़ा, हिमाचल प्रदेश - 176206  
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File no.: Animal Sciences/1-1/PG/CUHP/2025/621

Dated: 18.07.2025

**Tentative List of the Interdisciplinary Courses offered by the Department of Animal Sciences for Academic session 2025-2026**

S.No.	Course Name	Course Code	Credit	Name of Faculty Member
<b>Interdisciplinary Course (Total Credits=02)</b>				
1	Foundation Course in Ecology	ZOO 426	2	Dr. Amit Kumar
2	Introduction to Apiculture	ZOO 427	2	Dr. Rakesh Kumar Daroch

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File no.: Animal Sciences/1-1/PG/CUHP/2024/622

Dated: 18.07.2025

**Tentative List of the Courses offered for M.Sc. Zoology (3<sup>rd</sup> Sem) in the Department of Animal Sciences for Academic session 2025-2026**

S. No.	Course Name	Course Code	Credits	Name of Faculty Members
<b>Major Courses (Elective Specialization) (Total Credits = 04)</b>				
1a	Agricultural Entomology	ZOO 515	2	Prof. Sunil Kumar/ Dr. Rakesh Kumar Daroch
1b	Entomology <b>LAB</b>	ZOO 516	2	Prof. Sunil Kumar/ Dr. Rakesh Kumar Daroch
2a	Fish Biology	ZOO 517	2	Dr. Rakesh Kumar Thakur/ Dr. Amit Kumar
2b	Fish Biology <b>LAB</b>	ZOO 518	2	Dr. Rakesh Kumar Thakur/ Dr. Amit Kumar
3a	Advances in Molecular Biology	ZOO 519	2	Dr. Reshma Sinha
3b	Advances in Molecular Biology <b>LAB.</b>	ZOO 520	2	Dr. Reshma Sinha
<b>Minor Course (Total Credits =04)</b>				
4	Research Methodology	ZOO 521	4	Dr. Rakesh Kumar Daroch/ Dr. Madhu Bala
<b>Vocational / Skill Course (Total Credits =04)</b>				
5	Application of Computer, GPS, Image Analysis and Past in Research	ZOO 522	2	Dr. Amit Kumar
6	Role of Biostatistics in Research	ZOO 523	2	Dr. Rakesh Kumar Daroch / Dr. Amit Kumar
<b>Review of Literature, Research Proposal (Total Credits = 08)</b>				
7	Review of Literature	ZOO 524	4	Dr. Reshma Sinha/ Dr. Madhu Bala
8	Research Proposal Writing Skill	ZOO 525	4	Prof. Sunil Kumar/ Dr. Rakesh Kumar Thakur

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